Amendment to the Claims

Please cancel claims 73-91 without prejudice or disclaimer.

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Please add claims 92-108 as shown below:

92. (New)   A method to identify a plurality of wireless terminals with a specified pattern of activity by performing passive tracking of uniquely identifiable network data which may be used to determine the

10   location of wireless terminals, said network data transmitted continuously over regular time intervals from each wireless terminal powered on in the network, the method comprising the steps of:

extracting continuously over a period of time from the wireless network said network data transmitted from each of the plurality of wireless terminals powered on in the network;

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determining a location for each of the plurality of wireless terminals powered on in the network based on respective extracted said network data;

storing determined locations of each of the plurality of wireless terminals powered on in the network

20   over a period of time;

formulating a location history for each of the plurality of wireless terminals powered on in the network based at least in part on their respective stored locations over the period of time;

25   providing a predetermined pattern of activity represented by the presence of wireless terminals at or near particular locations at or around particular timeframes;

determining each of the plurality of wireless terminals powered on in the network whose location history corresponds to the predetermined pattern of activity.

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93. (New)   A method according to claim 92, further comprising the step of:
isolating the location history and said network data of any of said wireless terminals which correspond to the predetermined pattern of activity.

35   94. (New)   A method according to claim 93, further comprising the step of:
providing a predetermined pattern of activity represented by presence of wireless terminals at or near particular locations at or around particular timeframes, wherein the particular locations and timeframes are unrelated to said particular locations and timeframes in claim 92

40   95. (New)   A method according to claim 94, further comprising the step of:
at regular time intervals more frequent than the regular time intervals, continuing the steps of extracting, determining, storing, and formulating for any of the plurality of wireless terminals whose position histories were isolated at the isolating step.

45   96. (New)   A method according to claim 92, wherein said step of extracting from a wireless network further includes extracting said network data generated by voice and data communications.

97.(New)   A method according to claim 92, wherein said step of extracting from a wireless network

50   includes passive monitoring of signalling interfaces of the wireless network to extract said network data.

98. (New)   A method according to claim 92, further comprising the step of:
formulating an alert message to notify of each of the determined plurality of wireless terminals

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99. (New)   A method according to claim 96, wherein said network data include periodic registration data and periodic RF signals transmitted over the wireless network.

5   100. (New)   A method according to claim 92, wherein said step of extracting from a wireless network includes extracting from said network data at least the identity of the wireless terminal and RF signal information.

101. (New)   A method according to claim 100, where said identity of wireless terminal may include one or any combination of mobile directory number (MDN), Electronic Serial Number (ESN), Mobile
10   Identity Number (MIN), Mobile Subscriber Identification (MSI), international mobile subscriber identity (IMSI), temporary mobile subscriber identity (IMSI), and/or mobile station international ISDN number (MSISDN).

102. (New)   A method according to claim 92, where said step of determining location is based on
15   using any combination of RF signal information from one or more of said network data to approximate geographical position of wireless terminals.

103.(New)   A method according to claim 92, where said step of extracting from a wireless network further includes replacing any of the terminal identifier with an anonymous identifier.
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104.(New)   A method according to claim 93, where said step of isolating may further include determining identity of the wireless terminal and thereby the owner of the wireless device by converting anonymous identifier to network identifier of the wireless terminal.

25   105.(New)   A system encoded with instructions embodying a method of performing real-time tracking of uniquely identifiable network data transmitted from each wireless terminal powered on in the wireless network over regular time intervals and analyzing of archived location history, said system comprising:
       At least one Mediation Server for passively extracting said network data from the
30   wireless network; said Mediation Server being adapted to compose a record containing at least a unique identifier of the wireless terminal and RF signal information in response to one or more of extracted network data; said Mediation Server being adapted to provide two-way encryption of unique identifiers of wireless terminals;
       At least one Profiling Server for receiving encrypted network data from said Mediation
35   Server; said Profiling Server for determining location of each of wireless terminals powered on in the network; said Profiling Server for interrogating said location history for particular locations and timeframes to determine a plurality of wireless terminals which match a predetermined pattern of activity, said Profiling Server monitoring determined plurality of wireless terminals around locations and time of interest in real-time, said Profiling Server dispatching an alert when any of the plurality of
40   wireless devices is determined around locations and timeframes of interest.

106.(New)   A system according to claim 105, wherein said Profiling Server comprises a database for recording location records of wireless terminals including at least location positions and timeframes over a period of time.
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107.(New)   A system according to claim 105, wherein said Profiling Server comprises a current database containing most recent location positions and timeframes.

108.(New)   A system according to claim 105, wherein said Profiling Server comprises a profile
50   database containing associations of anonymous identifiers with a predetermined pattern of activity.